

City of Milwaukee Health Department | Microbiology Division

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MICROBIOLOGY REPORT: The May 2005 issue of Microbiology Monthly Report, Volume 11, presents the laboratory diagnosis of some of the infectious diseases, the reference microbiology work done in this laboratory during April 2006 and new cases of syphilis in Milwaukee during March 2006. Information on the laboratory diagnosed mycobacterial infections in Wisconsin during March is also included.

Legionnaires Disease (April 2006)

No positive case detected.

Pertussis (Whooping cough) April 2006

No positive case detected

Syphilis (April 2006)

Test	Number Positive	Test	Number Positive
RPR	1	FTA-ABS	10
VDRL	53	DARK FIELD	0

New Cases of Syphilis

The Wisconsin Division of Health has reported 2 new cases (age 34 and 45 years) of early stages of syphilis during March 2006 in Milwaukee. Morbidity distributions of the disease reported in this and the corresponding month of the previous year are as follows:

New Cases of Syphilis (March 2006 and March 2005)

Stage	Number of Cases	
	March 2006	March 2005
Primary syphilis	0	1
Secondary syphilis	0	1
Early latent	2	2
Late latent	1	1
Total	3	5

Gonorrhea (April 2006)

Number Tested	Decreased Susceptibility (DS) / Resistance (R) antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
57	1 (IR)	0	0	0

Gonorrhea from Other Sources (Aurora Consolidated Labs) April 2006

Number Tested	Decreased Susceptibility (DS) / Resistance (R) antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
3	0	0	0	0

Isolates Other Than *N. gonorrhoeae* (April 2006)

Organism	Site	Number Isolates	Organism	Site	Number Isolates
Ureaplasma urealyticum	Genital	24	Mycoplasma Hominis	Genital	2

Parasitic Enteric Pathogens (April 2006)

Age	Sex	Pathogen	Number Cases
26	F	<i>Trichuris trichiura</i>	1
47	F	<i>Entamoeba coli</i>	1
		<i>Entamoeba histolytica/dispar</i>	
16	F	<i>Blastocystis hominis</i>	1
22	M	<i>Entamoeba coli</i>	1
63	F	<i>Blastocystis hominis</i>	1

Mycobacterial infections (April 2006)

Age	Sex	Test Results			Identification
		Sputum Smear	Culture	DNA Probe	
61	M	-	+	+	<i>M. avium complex</i>

Reference Cultures (April 2006)

Age	Sex	Site/Specimen Source	Culture Identification
28	M	Blood	<i>Streptococcus mutans</i> sp/gp
57	F	Blood	<i>Streptococcus mitis</i> sp/gp
8	M	Hand	<i>Bacillus megaterium</i>
70	F	Blood	<i>Propionibacterium granulosum</i>
63	F	Blood	<i>Streptococcus mitis</i> sp/gp
10days	M	Blood	<i>Alcaligenes xylosoxidans</i> subsp <i>denitrificans</i>
58	M	Rt. Hip	<i>Corynebacterium afermentans</i>
68	M	N.A.	<i>Bacillus</i> sp. NOT <i>anthracis</i>
48	M	Blood	<i>Cardiobacterium hominis</i>
87	F	Stool	<i>Escherichia coli</i>

Bacterial Enteric Pathogens (April 2006)

Age	Sex	Pathogen	Age	Sex	Pathogen
8	F	<i>Shigella sonnei</i>	58	N/A	<i>Salmonella litchfield</i>

6	F	<i>Shigella sonnei</i>	25	F	<i>Salmonella worthington</i>
4	F	<i>Shigella sonnei</i>	27	F	<i>Salmonella paratyphi A</i>
64	F	<i>Shigella flexneri type B6</i>	16	M	<i>Salmonella braenderup</i>
			45	M	<i>Salmonella typhimurium</i>
			13	M	<i>Salmonella typhimurium</i>
			32	M	<i>Salmonella subsp I, serogroup B; I, monophasic</i>
45	F	<i>Salmonella enteritidis</i>	33	F	<i>Salmonella subsp I, serogroup B; I, monophasic</i>
24	F	<i>Salmonella enteritidis</i>	25mo	F	<i>Salmonella subsp I, serogroup B; I, monophasic</i>
24	F	<i>Salmonella enteritidis</i>	20mo	M	<i>Salmonella subsp I, serogroup B; I, monophasic</i>
17	F	<i>Salmonella enteritidis</i>	20mo	M	<i>Salmonella subsp I, serogroup B; I, monophasic</i>